



특징 (Character)

- 개폐 검출 확인용 센서 부착 가능
Magnetic sensor is available for open-close sensing
- 소형, 경량제품 취급에 적합
Suitable to grip a small and light workpiece
- 취부 형태의 다양화(3방향 취부 가능)
Mounting possible from 3 sides
- 직접 배치가 가능한 박형 제품
Thin profile product which possible to integrated layout



AF101
AF02
AF03
AF04P
AF105P
AF06
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AF13
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AF30SP
AF40
AF46
AF56N
RAF56N
MF16

링크레버 방식 (Link Lever type)

작동 방식 (Kinetics)

정교한 파지를 위한 유격이 작은 롤러 가이드 방식
roller guide type precise gripping because of base jaw guides with small clearance

조 (Jaws)

파지부
for gripping

몸체 (Body)

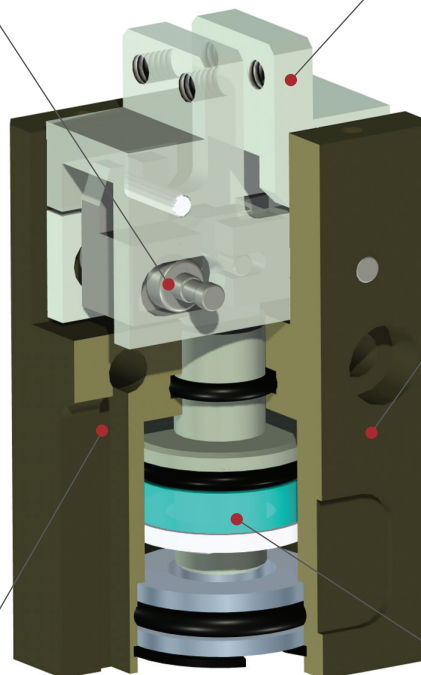
경질 처리된 경량의 알루미늄 합금
high-tensile aluminum body with lightest possible because of hard anodizing

센서위치 (Positioning of sensor)

마그네틱 센서 부착가능
for magnetic sensor

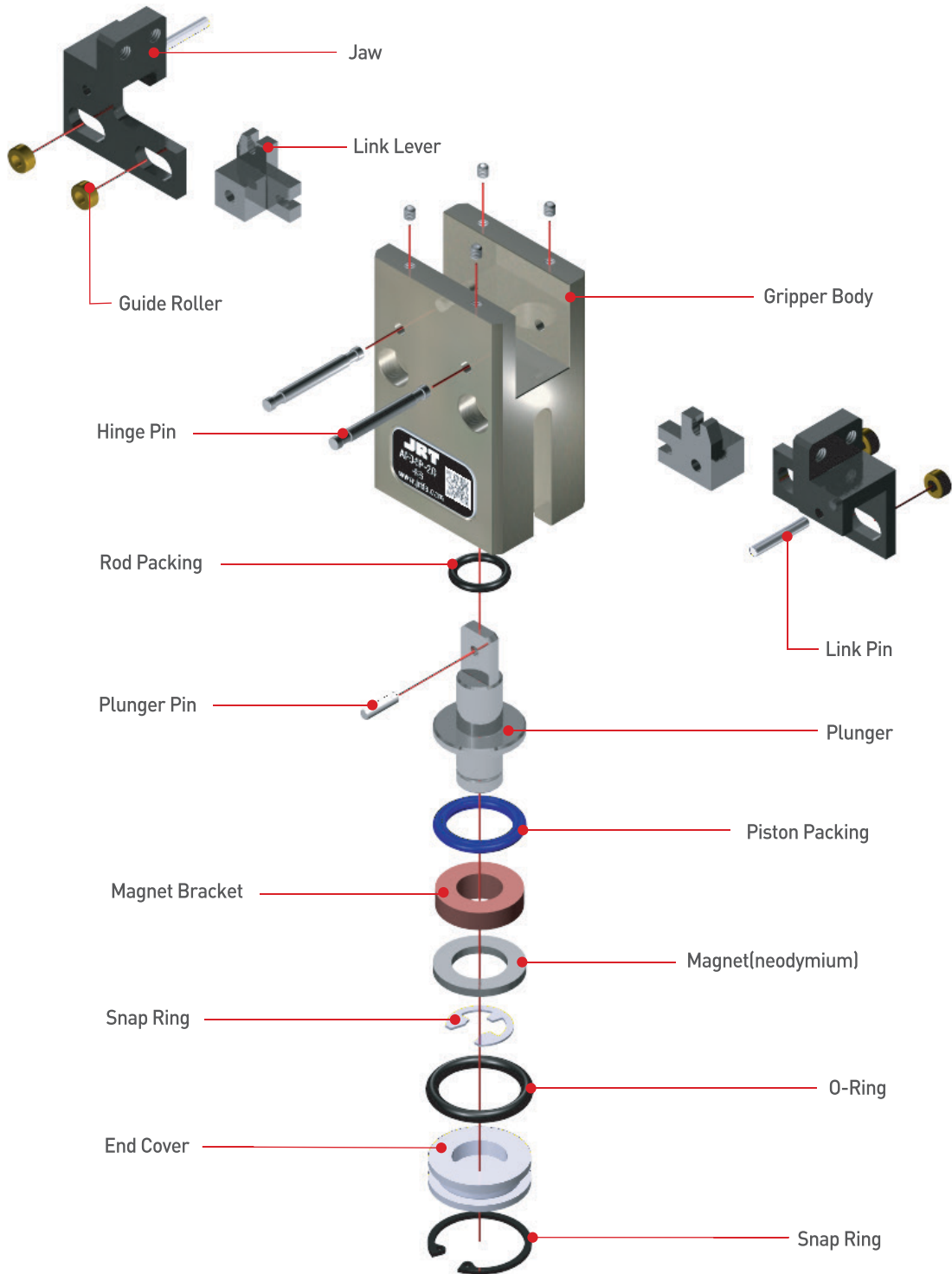
구동부 (Drive)

복동식
double acting
pneumatic cylinder



부품분해도 (Exploded view)

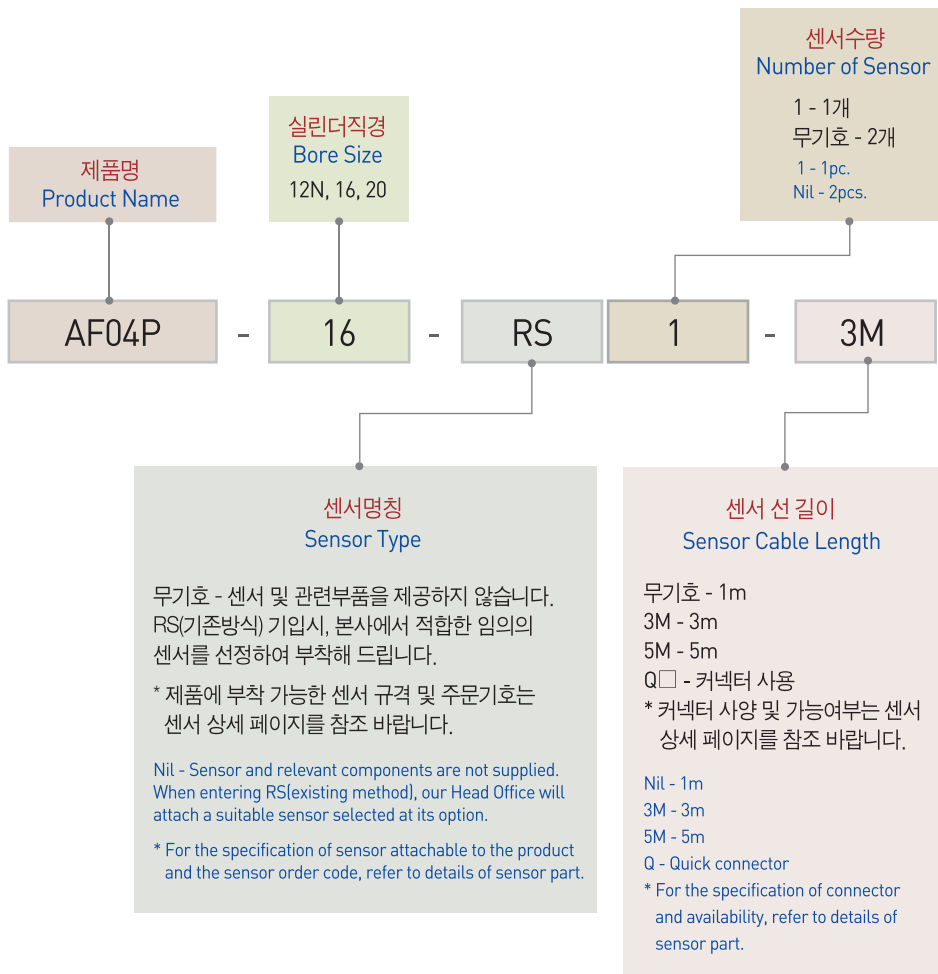
※ 본 분해도는 한 제품을 예시하였으므로 기종별로 차이가 있을 수 있습니다.
 ※ This exploded view illustrates a certain product only. The contents may vary by product models.



주문기호 (Ordering Code)



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☐ 제품사양 (Specification)

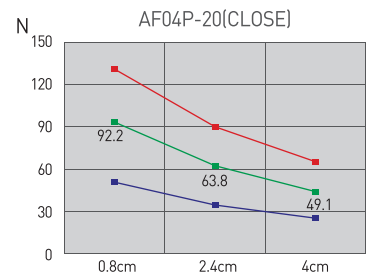
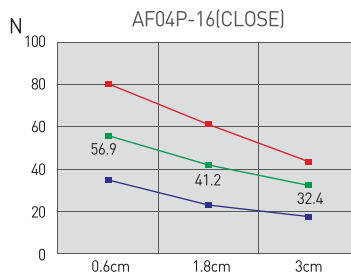
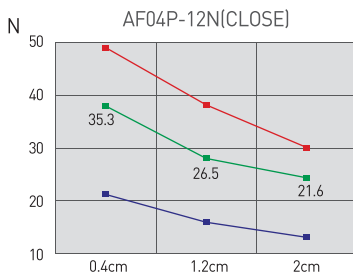
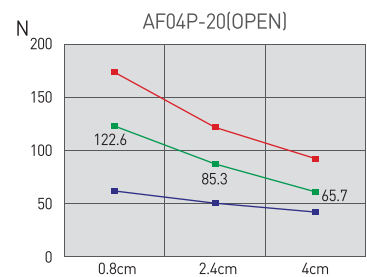
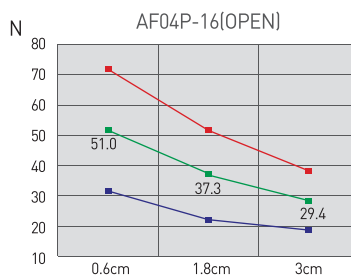
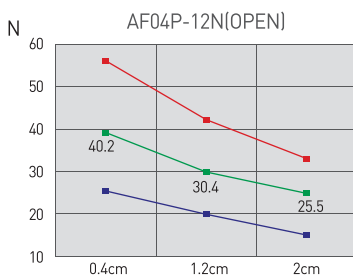
P=공기압력(bar) , L=작용점까지의 거리(mm)
P=Air Pressure(bar) , L=Exertion length(mm)

제품명칭 Products Name	AF04P-12N	AF04P-16	AF04P-20	단위 Unit
개폐범위 Stroke	5	5	8	mm
제품중량 Weight	0.08	0.15	0.2	kg
최대치구길이 Max. length attach	20	30	40	mm
배관접속구 Fitting size	M5	M5	M5	
파지력 : 열림시 Gripping force : Open	9.52P/(1+0.045L)	12.75P/(1+0.04L)	31.39P/(1+0.035L)	N
파지력 : 닫힘시 Gripping force : Close	8.24P/(1+0.046L)	14.22P/(1+0.04L)	23.54P/(1+0.035L)	N
1사이클당 공기소모량 Air consumption per cycle	1.0	1.8	4.4	cm ³
닫힘시/열림시 시간 Closing / Opening time	0.01/0.01			sec
반복정밀도 Repeat accuracy	0.03			mm
연속사용회수 Continuation usage amount	20			cpm
사용압력 Operating pressure	3~7			bar
주위온도 Ambient temperature	-5 to 60			°C
윤활 Lubrication	불필요 Needless			

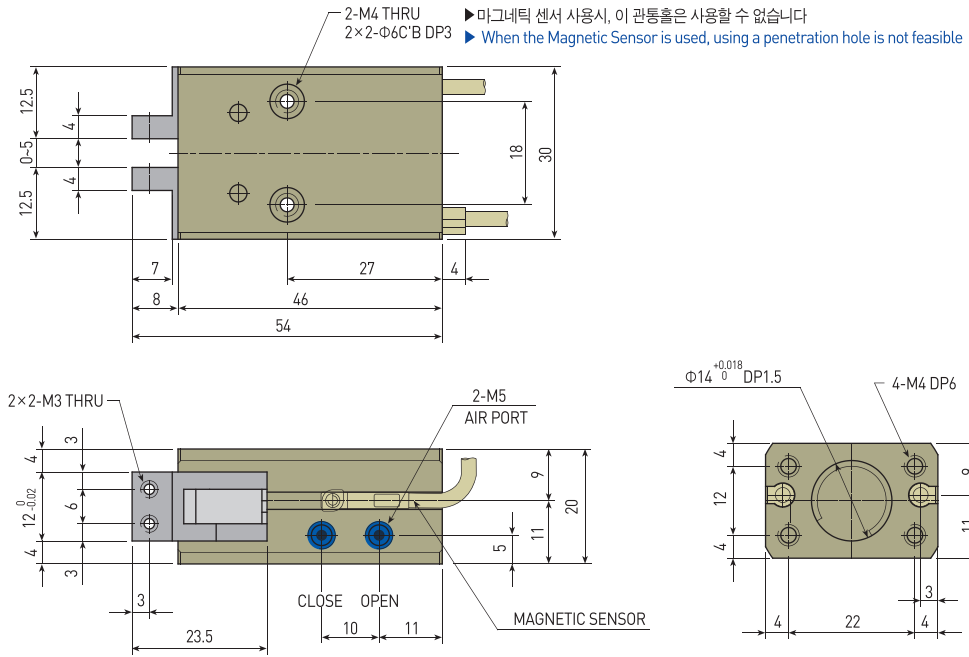
반복정밀도 : 연속 100회 작동후 측정치
After 100 consecutive strokes to end positions

☐ 작용점에서의 파지력 (Gripping Force From a Point of Action)

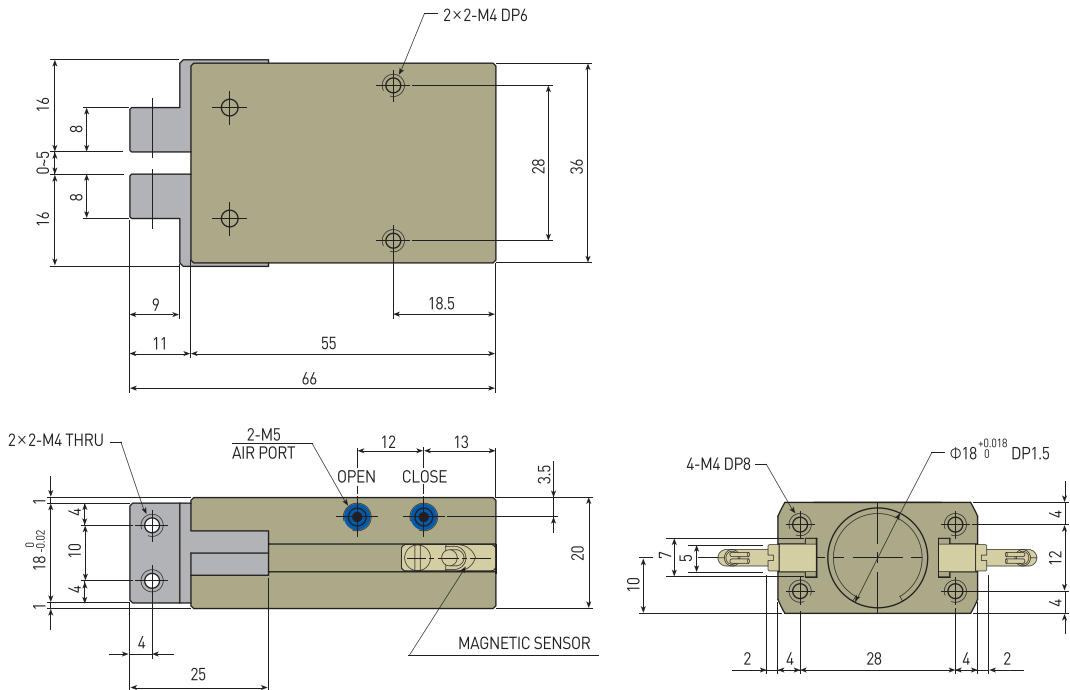
범례(Legend) : —■ 7[bar] —■ 5[bar] —■ 3[bar]



AF04P-12N

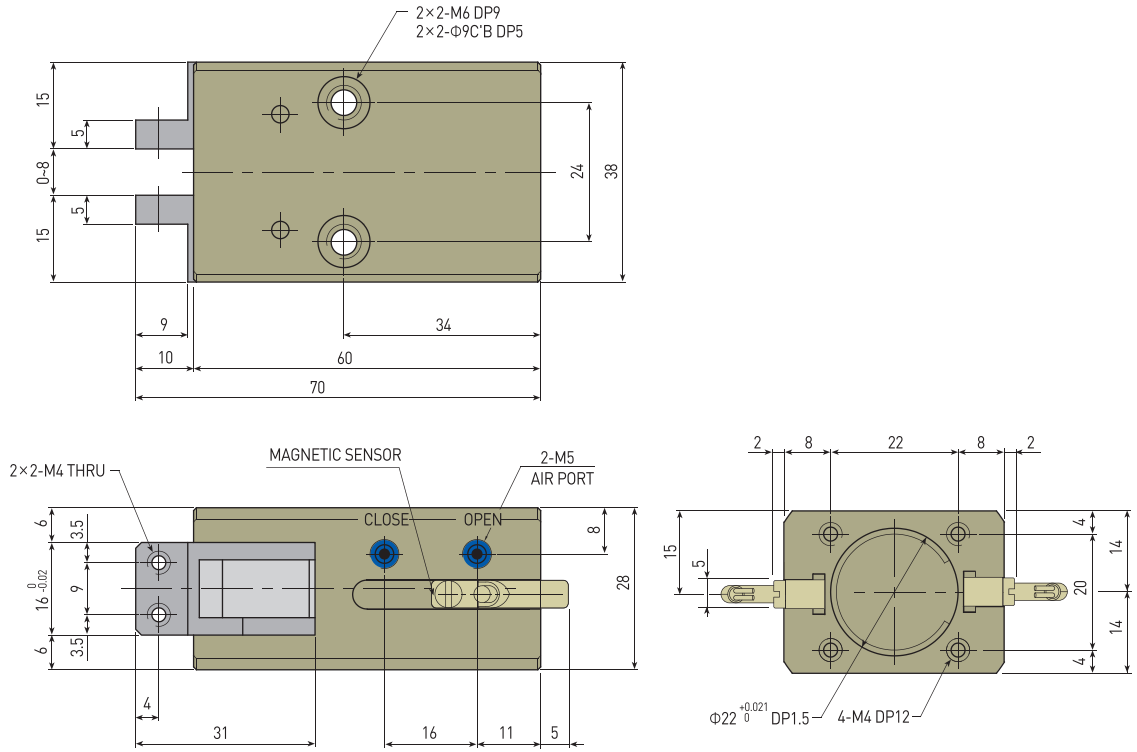


AF04P-16



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AF04P-20



NOTE